

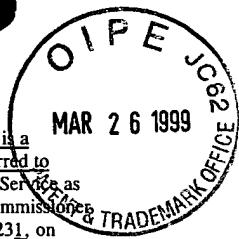
CERTIFICATE OF MAILING

I hereby certify that this paper or, if this paper is a transmittal letter, every other paper or fee referred to therein is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner of Patents & Trademarks, Washington, DC 20231, on

3/22/99 (date of deposit)

Date

Name



GAU 1645
#5a 4/6/99 T. Gray

PATENT 0632/0D916

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Hsien-Jue CHU

Serial No.: 09/007,385

Group Art Unit: 1645

Filed: January 15, 1998

Examiner: J. Weatherspoon

For: STREPTOCOCCUS EQUI COMPOSITIONS AND METHODS OF USE

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

AMENDMENT

RECEIVED

MAR 30 1999

SEARCHER
CUSTOMER
SERVICE CENTER

Sir:

In response to the Office Action dated December 22, 1998, please amend this application as follows:

IN THE SPECIFICATION

At page 8, line 11, please delete "CFU" and insert --Colony Forming Unit (CFU)--.

IN THE CLAIMS

Sub B! Claim 1. (Amended) A composition comprising a live attenuated *Streptococcus equi* and an immunostimulant, said immunostimulant having the property of stimulating mucosal immunity, wherein the composition elicits protective immunity from *Streptococcus*